

Appn. Number 10/737,070 (Darack) GAU 3738 Amendment A Continued 2 of 4

CLAIMS: Please amend the claims according to the status designations in the following list, which contains all claims that were ever in the application, with the text of all active claims.

1. (CURRENTLY AMENDED) An endoluminal stent, comprising:

a substantially cylindrical body having a longitudinal axis and an open proximal and distal ends extremities, said endoluminal stent having being comprised of a plurality of expandable rings oriented about along said longitudinal axis, said expandable rings having a first compressed diameter and a second expanded diameter, said expandable rings being comprised of a plurality of substantially ovaloid oval-shaped support units arranged circumferentially about said longitudinal axis and interconnected to one another by rotatable struts, said expandable rings being interconnected to one another by a plurality of sinusoidal struts, said oval-shaped support units, said oval-shaped support units each having a major axis and a minor axis, said oval-shaped support units being thinner at the points of intersection of said oval-shaped support units and respective said major axes than at the points of intersection of said oval-shaped support units and respective said minor axes, said oval-shaped support units being in communication with one another by interconnect struts, said interconnect struts having a first compressed state and a second expanded state, said first compressed state of said interconnect struts having a substantially s-shaped form, said second expanded state of said interconnect struts having a substantially linear form, said expandable rings being in communication with one another by a plurality of articulating struts, said articulating struts having a substantially unicyclic waveform shape.